L Number	Hits	Search Text	DB	Time stamp
-	6	("4550257" "4925139" "5865978" "6002471" "4880496" "6078055").pn.	USPAT	2004/10/04 10:30

-	300	("5719060"	USPAT	2004/09/13
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		"5307287"		1
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0		"5578007"		1
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		"6361940"		1
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		"6383778" CT NOCIL		
		"6383778" "6420127" SEARCH		
		"6436640"		
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]	"6466309"	:	
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		"5894063"		
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		"4784494"		-
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		"5317141"		
		"5519220"	,	
		"5552604"		
		"5569919"		
		"5703366"		
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		"5781289"		
ļ		"5880364"		
		"6165688"		
]]		1	
		"6207951"		
		"6300638"		1
70	1	"6312393"		
		"6355495"		·
	ļ ["6366726"		1
	1	"6370406").pn.]
]	("6395016"]
]	"6416234"		
		"6423001"		
		"6443974"		
		"6734022"		
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1		"5380317"		
		"5649924"		
		"6075234"		
Search Histo	ory 10/7/04			
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\ I D \I	- Chorreba	"4549310"		-
1	1	":0:5000"		

-	80	HAMANN-HENDRIK-F HERSCHBEIN-STEVEN-B	USPAT;	2004/09/30
		HERSCHBEIN-STEVEN-BRETT HERSCHBEIN-S-B	US-PGPUB;	17:03
	İ	MARCHMAN-HERSCHEL	EPO; JPO;	
		MARCHMAN-HERSCHEL-M	DERWENT;	
		MARCHMAN-HERSCHEL-MACLYN	IBM_TDB	
		MARCHMAN-H-M RUE-CHAD SIEVERS-MICHAEL	, =	
	Ì	SIEVERS-MICHAEL-R SIEVERS-MICHAEL-RAY		
		SIEVERS-MICHAEL-W SIEVERS-M-R		
	i	SIEVERS-M-W		
1_	9		HODATE	0004 100 100
1		(stm scanning adj tunnel\$4 adj microscop\$4)	USPAT;	2004/09/20
		same (chemical reagent reactant) same (deliver?	US-PGPUB;	16:53
		inject\$4)	EPO; JPO;	
		·	DERWENT;	
	10.5		IBM_TDB	
-	1945	(probe tip) same (chemical reagent reactant) same	USPAT;	2004/09/29
		(deliver? inject\$4)	US-PGPUB;	19:27
			EPO; JPO;]
			DERWENT;	
			IBM_TDB	
_	50	((probe tip) same (chemical reagent reactant) same	USPAT;	2004/09/20
		(deliver? inject\$4)) same (local\$4)	US-PGPUB;	16:53
		()	EPO; JPO;	10.00
			DERWENT;	
			1	
_	112	(216/94).CCLS.	IBM_TDB	0004 /00 /07
_	112	(210/94).CCES.	USPAT;	2004/09/27
		·	US-PGPUB;	19:21
			EPO; JPO;	
,			DERWENT;	
		(0.14 (0.0), 0.00-4	IBM_TDB	
-	493	(216/92).CCLS.	USPAT;	2004/09/28
			US-PGPUB;	12:14
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	825	(216/83).CCLS.	USPAT;	2004/09/28
		·	US-PGPUB;	12:48
			EPO; JPO;	
			DERWENT;	
	[,	IBM_TDB	
_	11	((216/83).CCLS.) and (proximate near close local	USPAT;	2004/09/29
		direct select).ti,ab,clm.	US-PGPUB;	13:02
			,	10.04
1			EPO; JPO;	
	.		DERWENT;	
_	10	 ("1979779" "2020514" "2109010" "260000"	IBM_TDB	0004/00/00
-	10	("1272772" "3039514" "3108918" "3629023"	USPAT	2004/09/28
	'	"4585945" "4668476" "4822441"		12:50
		"5055696" "5149974" "5552026").PN.		
-	4	5851413.URPN.	USPAT	2004/09/28
	_	0141500 17771		12:52
-	2	2111530.URPN.	USPAT	2004/09/28
				12:53
-	470	(204/192.34).CCLS.	USPAT;	2004/09/29
	_		US-PGPUB;	12:55
	.		EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	975	(204/192.32).CCLS.	USPAT;	2004/09/29
		(20.) 192.02).	•	
			US-PGPUB;	12:55
			EPO; JPO;	
			DERWENT;	
L			IBM_TDB	

	1			
	1094	(204/192.1).CCLS.	USPAT;	2004/09/29
			US-PGPUB;	12:55
			EPO; JPO;	
			DERWENT;	
	0.1	///004/100 00\ 00\ 00\ 0\ 100 1\ 00\ 0\	IBM_TDB	200.400.400
-	91	(((204/192.32).CCLS.) ((204/192.1).CCLS.)) and	USPAT;	2004/09/29
		(proximate near close local direct select).ti,ab,clm.	US-PGPUB;	13:25
	/		EPO; JPO;	
			DERWENT;	
	6522	//	IBM_TDB	2004/00/00
-	6533	((scanning adj electron adj microscop\$3) STM)	USPAT;	2004/09/29
	-	same (etch\$4 mill\$4 react\$4 sputter\$4 irradiat\$4 illuminat\$4)	US-PGPUB	15:18
	213	(((scanning adj electron adj microscop\$3) STM)	USPAT;	0004/00/00
	215	same (etch\$4 mill\$4 react\$4 sputter\$4 irradiat\$4	US-PGPUB	2004/09/29 15:19
		illuminat\$4)) same (proximate near close local	US-FGFUB	13.19
		direct select)		
_	823	(((scanning adj electron adj microscop\$3) STM)	USPAT;	2004/09/29
	020	same (etch\$4 mill\$4 react\$4 sputter\$4 irradiat\$4	US-PGPUB	15:17
		illuminat\$4)) same (probe tip electrode)	00101	10.11
_	11121	((scanning adj electron adj microscop\$3) (scanning	USPAT:	2004/09/29
		adj tunneling adj microscop\$3) SEM STM) same	US-PGPUB	15:19
		(etch\$4 mill\$4 react\$4 sputter\$4 irradiat\$4		
		illuminat\$4)		
_	356	(((scanning adj electron adj microscop\$3)	USPAT;	2004/09/29
		(scanning adj tunneling adj microscop\$3) SEM	US-PGPUB	15:20
	·	STM) same (etch\$4 mill\$4 react\$4 sputter\$4		
		irradiat\$4 illuminat\$4)) same (proximate near		
		close local direct select)		
-	143	((((scanning adj electron adj microscop\$3)	USPAT;	2004/09/29
		(scanning adj tunneling adj microscop\$3) SEM	US-PGPUB	15:47
		STM) same (etch\$4 mill\$4 react\$4 sputter\$4		,
		irradiat\$4 illuminat\$4)) same (proximate near		
		close local direct select)) not ((((scanning adj		
		electron adj microscop\$3) STM) same (etch\$4		
		mill\$4 react\$4 sputter\$4 irradiat\$4 illuminat\$4))		
	68	same (proximate near close local direct select))	LICDATE	2004/00/00
_	08	(((scanning adj electron adj microscop\$3) (scanning adj tunneling adj microscop\$3) SEM	USPAT;	2004/09/29
		STM) same (etch\$4 mill\$4 react\$4 sputter\$4	US-PGPUB	15:52
		irradiat\$4 illuminat\$4)) same (probe tip electrode)		
		same (deliver spray stream supply)		
_	, 334	(((scanning adj electron adj microscop\$3)	USPAT;	2004/09/29
		(scanning adj tunneling adj microscop\$3) SEM	US-PGPUB	15:53
		STM) same (etch\$4 mill\$4 react\$4 sputter\$4		
		irradiat\$4 illuminat\$4)) same (deliver spray stream		·
		supply) not ((((scanning adj electron adj		
		microscop\$3) (scanning adj tunneling adj		
		microscop\$3) SEM STM) same (etch\$4 mill\$4		
		react\$4 sputter\$4 irradiat\$4 illuminat\$4)) same		
		(probe tip electrode) same (deliver spray stream		
		supply))		
-	7	(AFM atomic adj force adj microscop\$4) with (tip?	USPAT;	2004/09/30
		probe?) with (hollow\$3 channel\$3 tube?)	US-PGPUB;	11:59
			EPO; JPO;	
		<u>.</u>	DERWENT;	
	400		IBM_TDB	0004/00:
-	406	nanolithography nanojet nanofountainpen	USPAT;	2004/09/30
		fountain adj pen adj nanochemistry dip?pen adj	US-PGPUB;	18:27
		nanochemistry	EPO; JPO;	
]		•	DERWENT;	
L			IBM_TDB	

-	0	20020063212.URPN.	USPAT	-2004/09/29 19:37
-	12	(AFM atomic adj force adj microscop\$4) with (tip? probe?) with (hollow\$3 channel\$3 tube? capillary aperture)	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/09/30 17:20
			IBM_TDB	
-	1	("4550257").PN.	USPAT	2004/09/30 13:18
-	8	4880496.URPN.	USPAT	2004/09/30 15:20
-	5	("3039515" "3188284" "3447985" "3597289" "4359360").PN.	USPAT	2004/09/30 15:25
-	2	3039515.URPN.	USPAT	2004/09/30
-	2	6078055.URPN.	USPAT	15:26 2004/09/30
-	2	("5384464" "5763933").PN.	USPAT	15:29 2004/09/30 15:30
-	0	20020195422.URPN.	USPAT	2004/09/30 17:02
-	0	20020195422.URPN.	USPAT	2004/09/30 17:02
	1	("6730237").PN.	USPAT	2004/09/30 17:03
-	11	("4416725" "4490211" "4622095" "5188705" "5532494" "5736002" "5840630" "6083413" "6194720" "6211527" "6322672"	USPAT	2004/09/30 17:03
-	0	"2002/0072228" "2002/0094694").PN. 6730237.URPN.	USPAT	2004/09/30
-	0	(AFM STM STEM SPM NFSOM NSOM microscop\$4) with (tip? probe? point?) with	USPAT; US-PGPUB	17:05 2004/09/30 17:23
-	. 0	(electrode?) with (plasma?) (AFM STM STEM SPM NFSOM NSOM microscop\$4) with (tip? probe? point?) with	USPAT; US-PGPUB	2004/09/30 17:24
-	0	(plasma?) (AFM STM STEM SPM NFSOM NSOM microscop\$4) with (tip? probe? point?) same	USPAT; US-PGPUB	2004/09/30 17:24
-	57	(plasma?) (AFM STM STEM SPM NFSOM NSOM	USPAT;	2004/09/30
		microscop\$4) with (tip? probe? point?) with (electrode?)	US-PGPUB	18:26
-	84	(AFM STM STEM SPM NFSOM NSOM microscop\$4) with (tip? probe? point?) same (ioniz\$4 excite?)	USPAT; US-PGPUB	2004/10/04 . 13:26
-	27	("4907195" "5047633" "5047649" "5072116" "5107112" "5166520" "5283437" "5308974" "5319977" "5353632" "5357109" "5392275" "5414690" "5416331"	USPAT	2004/09/30 17:58
		"5418363" "5426631" "5471458" "5472881" "5490132" "5519686" "5548117" "5602820" "5634230" "5679952" "5865978" "5922214" "6031756").PN.		
-	2	6353219.URPN.	USPAT	2004/09/30 18:12
-	70	(electrode) same (illuminat\$4 irradiat\$4 beam? radiat\$4 light\$3) same (excit\$4 ioniz\$4 plasma?) same (probe? tip?)	USPAT; US-PGPUB	2004/09/30 18:19
-	23	(electrode) and (illuminat\$4 irradiat\$4 beam? radiat\$4 light\$3) and (excit\$4 ioniz\$4 plasma?) and (probe? tip?)	EPO; JPO; DERWENT; IBM_TDB	2004/09/30 18:20

	· · · · · · · · · · · · · · · · · · ·		-	
-	44	(AFM STM STEM SPM NFSOM NSOM	EPO; JPO;	2004/09/30
		microscop\$4) and (tip? probe? point?) and (ioniz\$4	DERWENT;	18:22
Į		excite? plasma?)	IBM_TDB	1.
-	120	(AFM STM STEM SPM NFSOM NSOM	EPO; JPO;	2004/09/30
		microscop\$4) and (tip? probe? point?) and	DERWENT;	18:26
İ		(electrode?)	IBM_TDB	
_	2888	nanopipette micropipette	USPAT;	2004/09/30
		- complete more pipers	US-PGPUB;	18:27
			•	16:27
			EPO; JPO;	
			DERWENT;	
	1.4	•	IBM_TDB	
-	14	nanopipette	USPAT;	2004/09/30
			US-PGPUB;	18:30
		,	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	13081	(illuminat\$4 irradiat\$4 radiat\$4 light beam	USPAT;	2004/10/01
		photon) same (probe tip point) same (scatter\$4)	US-PGPUB	12:46
_	2311	((illuminat\$4 irradiat\$4 radiat\$4 light beam	USPAT;	2004/10/01
		photon) same (probe tip point) same (scatter\$4))	US-PGPUB	11:41
		same (activat\$4 excit\$4 ioniz\$5 amplif\$6 heat\$4	00-1000	11.71
		thermal\$4)		
	37	1	1105.5	000444045
-	37	(((illuminat\$4 irradiat\$4 radiat\$4 light beam	USPAT;	2004/10/01
•		photon) same (probe tip point) same (scatter\$4))	US-PGPUB	12:11
	*	same (activat\$4 excit\$4 ioniz\$5 amplif\$6 heat\$4		
		thermal\$4)) same (near?field ("near" adj field)		
		"sub-wavelength" "subwavelength")		
-	189	((illuminat\$4 irradiat\$4 radiat\$4 light beam	USPAT;	2004/10/01
		photon) same (probe tip point) same (scatter\$4))	US-PGPUB	11:58
		same (near?field ("near" adj field) "sub-wavelength"		
		"subwavelength")		
_	152	(((illuminat\$4 irradiat\$4 radiat\$4 light beam	USPAT;	2004/10/01
	102	photon) same (probe tip point) same (scatter\$4))	1	2004/10/01
į.			US-PGPUB	12:11
		same (near?field ("near" adj field) "sub-wavelength"		
		"subwavelength")) not ((((illuminat\$4 irradiat\$4		
	_	radiat\$4 light beam photon) same (probe tip point)		
		same (scatter\$4)) same (activat\$4 excit\$4 ioniz\$5		
		amplif\$6 heat\$4 thermal\$4)) same (near?field		
		("near" adj field) "sub-wavelength"		,
		"subwavelength"))		
-	75	(near?field ("near" adj field) "sub-wavelength"	USPAT;	2004/10/01
		"subwavelength") same (scatter\$4) same (etch\$4	US-PGPUB	12:44
		react\$4 activat\$5 catalyz\$4 mill\$4 lithograph\$2		
P		microlithograph\$2 nanolithograph\$2)		
_	14	("3436353" "3441346" "3598471" "3680956"	USPAT	2004/10/01
	17	"3758207" "4025191" "4316074"	USFAI	2004/10/01
				12:22
	İ	"4541712" "4796038" "5055871" "5139904"		
	.	"5245384" "5363170" "5485243").PN.		
_	4	5666189.URPN.	USPAT	2004/10/01
1				12:23
-	14	(near?field ("near" adj field) "sub-wavelength"	EPO; JPO;	2004/10/01
		"subwavelength") and (scatter\$4) and (etch\$4	DERWENT;	12:37
		react\$4 activat\$5 catalyz\$4 mill\$4 lithograph\$2	IBM_TDB	
		microlithograph\$2 nanolithograph\$2)		
-	1	JP-2000081382-\$.did.	DERWENT	2004/10/01
1	-	 	22KW 2KI	12:37
_	1	2000-287703.NRAN.	DEDUENT	
	1	2000 ZOTTOO,MICAN.	DERWENT	2004/10/01
] _	_	IP 07106000 \$ 4:4	TDC	12:37
] -	2	JP-07106229-\$.did.	JPO;	2004/10/01
]	4000	/11	DERWENT	12:45
-	4883	(illuminat\$4 irradiat\$4 radiat\$4 light beam	EPO; JPO;	2004/10/01
		photon) and (probe tip point) and (scatter\$4)	DERWENT;	12:56
			IBM_TDB	
Search Histo	rv = 10/7/0	4 2:00:06 PM Page 6		

-	102	((illuminat\$4 irradiat\$4 radiat\$4 light beam	EPO; JPO;	2004/10/01
		photon) and (probe tip point) and (scatter\$4)) and	DERWENT;	12:47
		(near?field ("near" adj field) sub?wavelength)	IBM_TDB	
-	74	(illuminat\$4 irradiat\$4 radiat\$4 light beam	EPO; JPO;	2004/10/01
		photon) and (probe tip point) and (etch\$4 react\$4	DERWENT;	13:39
		activat\$5 catalyz\$4 mill\$4 lithograph\$2	IBM_TDB	
		microlithograph\$2 nanolithograph\$2) and	_	
		(near?field ("near" adj field) sub?wavelength)		
-	1	2002-296247.NRAN.	DERWENT	2004/10/01
	9		BERWERT	13:08
_	0	2001284294.URPN.	USPAT	Į.
		2001201291.ORI N.	OSIAI	2004/10/01
	1	2002-308878.NRAN.	DEDMENO	13:09
-	1	2002-300070.NKAIV.	DERWENT	2004/10/01
	65	(f. 1 1'' 1'1 "DYD") 1'CC .'		13:10
-	65	(focused adj ion adj beam "FIB") same diffraction	USPAT;	2004/10/01
			US-PGPUB	13:57
	0	(spray deliver flow jet) with (sensitive	USPAT;	2004/10/01
ļ		photosensitive illumination?sensitive	US-PGPUB	14:02
		photochemical photoresist photoresin) with (shield		
		protect) same ((irradiate radiate illuminate harden		
		expose) with (select direct specific focus beam))		
-	34	(spray deliver flow jet) with (sensitive	USPAT;	2004/10/01
		photosensitive illumination?sensitive	US-PGPUB	14:08
		photochemical photoresist photoresin) same		
		((irradiate radiate illuminate harden expose) with		
	-	(select direct specific focus beam))		
_	4	5851413.URPN.	USPAT	2004/10/01
		0001 (10.0KI IV.	OSIAI	14:05
	10	("1272772" "3039514" "3108918" "3629023"	LICDAT	
_			USPAT	2004/10/01
	İ	"4585945" "4668476" "4822441"		14:07
	20	"5055696" "5149974" "5552026").PN.		
_	39	(spray deliver flow jet) with (sensitive	USPAT;	2004/10/01
		photosensitive illumination?sensitive	US-PGPUB	14:25
		photochemical photoresist photoresin) same		·
		((irradiate radiate illuminate harden expose) with		
		(select direct specific focus beam laser))		
i -	5	((spray deliver flow jet) with (sensitive	USPAT;	2004/10/01
		photosensitive illumination?sensitive	US-PGPUB	14:09
		photochemical photoresist photoresin) same		
		((irradiate radiate illuminate harden expose) with		
		(select direct specific focus beam laser))) not		
		((spray deliver flow jet) with (sensitive		
		photosensitive illumination?sensitive		
		photochemical photoresist photoresin) same		
		((irradiate radiate illuminate harden expose) with		
		(select direct specific focus beam)))		
_	61316	(spray deliver flow jet coat liquid fluid) with	HICDAT.	2004/10/01
		(sensitive photosensitive illumination?sensitive	USPAT;	2004/10/01
			US-PGPUB	14:21
]	1454	photochemical photoresist photoresin)	TIOD 4 m	0004/10/01
_	1454	((spray deliver flow jet coat liquid fluid) with	USPAT;	2004/10/01
		(sensitive photosensitive illumination?sensitive	US-PGPUB	14:12
		photochemical photoresist photoresin)) same		
		(shield protect)		
-	97	(((spray deliver flow jet coat liquid fluid) with	USPAT;	2004/10/01
		(sensitive photosensitive illumination?sensitive	US-PGPUB	14:13
		photochemical photoresist photoresin)) same		
		(shield protect)) same (beam laser focus fiber?optic]
		fiber adj optic direct)		
l		J 1		

_	93	((((spray deliver flow jet coat liquid fluid) with	USPAT;	2004/10/01
•		(sensitive photosensitive illumination?sensitive	US-PGPUB	14:13
		photochemical photoresist photoresin)) same		
		(shield protect)) same (beam laser focus fiber?optic		
		fiber adj optic direct)) not ((spray deliver flow jet)		
		with (sensitive photosensitive		
		illumination?sensitive photochemical photoresist		
		photoresin) same ((irradiate radiate illuminate		+
		harden expose) with (select direct specific focus		
		beam laser)))		
	197	(tube channel pipette micropipette nanopipette	USPAT;	2004/10/01
		probe tip capillary fiber) with (radiat\$4 irradiat\$4	US-PGPUB	14:23
		illuminat\$4 energy light beam) and (((spray deliver		
		flow jet coat liquid fluid) with (sensitive		
		photosensitive illumination?sensitive		
		photochemical photoresist photoresin)) same		
		(shield protect))		
-	19	((tube channel pipette micropipette nanopipette	USPAT;	2004/10/01
		probe tip capillary fiber) with (radiat\$4 irradiat\$4	US-PGPUB	14:23
		illuminat\$4 energy light beam) and (((spray deliver		,
		flow jet coat liquid fluid) with (sensitive		
		photosensitive illumination?sensitive		
		photochemical photoresist photoresin)) same		
		(shield protect))) and concentric		

92	(US-5641391-\$ or US-4968390-\$ or	USPAT;	2004/10/01
	US-6353219-\$ or US-6337479-\$ or US-5866911-\$	US-PGPUB;	14:25
	or US-5105305-\$ or US-5865978-\$ or	EPO; JPO;	
	US-6002471-\$ or US-6078055-\$ or US-4925139-\$	DERWENT;	
	or US-4880496-\$ or US-4550257-\$ or	IBM_TDB	
	US-6466309-\$ or US-6042993-\$ or US-5894063-\$	_	
	or US-5770946-\$ or US-5620854-\$ or		
	US-5508627-\$ or US-5015323-\$ or US-6787783-\$		
	or US-5426302-\$ or US-6322672-\$ or		
	US-6156030-\$ or US-6086774-\$ or US-5460687-\$		
	or US-4999083-\$).did. or (US-5851413-\$ or		
	US-5055696-\$ or US-6753538-\$ or US-6709554-\$		
, i	or US-6024884-\$ or US-5683595-\$ or		
	US-6797952-\$ or US-6546788-\$ or US-5298760-\$	٠	
	or US-4947034-\$ or US-5656811-\$ or		
	US-6674074-\$ or US-6642129-\$ or US-6635311-\$		
	or US-6580852-\$ or US-6519221-\$ or		
	US-6498685-\$ or US-5838468-\$ or US-6408122-\$		
	or US-6476381-\$ or US-5675433-\$ or		
	US-5346789-\$ or US-5840630-\$ or US-4490211-\$		
	or US-6782179-\$ or US-6692894-\$ or		
	US-6545276-\$).did. or (US-5666189-\$ or		
	US-6137110-\$).did. or (US-20040060904-\$ or		
	US-20040175631-\$ or US-20030035887-\$ or		
	US-20020195422-\$ or US-20030021967-\$ or		
	US-20030047691-\$ or US-20020125212-\$ or		
	US-20040023519-\$ or US-20020102861-\$ or		
	US-20010027917-\$ or US-20040142106-\$ or		
	US-20040127025-\$ or US-20040037959-\$ or		
	US-20040033425-\$ or US-20040008330-\$ or		
	US-20030022470-\$ or US-20020122873-\$ or		
	US-20020114567-\$ or US-20020063212-\$ or		
	US-20040188602-\$ or US-20030003393-\$).did. or		
	(GB-2111530-\$ or WO-3053845-\$ or		
	WO-3052514-\$ or WO-3001633-\$).did. or		
ļ	(JP-62224688-\$ or JP-2000081382-\$ or		
	JP-2001284294-\$).did. or (US-20040113097-\$ or		
	US-20040112857-\$ or EP-709704-\$ or		
	US-20040022681-\$ or WO-2003052514-\$ or		
ŀ	EP-795770-\$ or JP-2001269781-\$ or		
	, , , , , , , , , , , , , , , , , , , ,		
	JP-2003007599-\$).did_or (NN9010187).than	l	
. 2	JP-2003007599-\$).did. or (NN9010187).tban. (US-2902583-\$ or US-3039515-\$).did.	USOCR	2004/10/01

	50	(agnoitive whater and it is the size time)	HODAE	0004110101
-	50	(sensitive photosensitive illumination?sensitive photochemical photoresist photoresin) and	USPAT;	2004/10/01
		((US-5641391-\$ or US-4968390-\$ or	US-PGPUB	15:33
		US-6353219-\$ or US-6337479-\$ or US-5866911-\$		
		or US-5105305-\$ or US-5865978-\$ or		
		US-6002471-\$ or US-6078055-\$ or US-4925139-\$		<u> </u>
		or US-4880496-\$ or US-4550257-\$ or		
		US-6466309-\$ or US-6042993-\$ or US-5894063-\$		
		or US-5770946-\$ or US-5620854-\$ or		
·		US-5508627-\$ or US-5015323-\$ or US-6787783-\$		
		or US-5426302-\$ or US-6322672-\$ or		
		US-6156030-\$ or US-6086774-\$ or US-5460687-\$		
		or US-4999083-\$).did. or (US-5851413-\$ or		
		US-5055696-\$ or US-6753538-\$ or US-6709554-\$		
		or US-6024884-\$ or US-5683595-\$ or		
		US-6797952-\$ or US-6546788-\$ or US-5298760-\$		
		or US-4947034-\$ or US-5656811-\$ or		
		US-6674074-\$ or US-6642129-\$ or US-6635311-\$		
		or US-6580852-\$ or US-6519221-\$ or		
		US-6498685-\$ or US-5838468-\$ or US-6408122-\$		
		or US-6476381-\$ or US-5675433-\$ or		
٠		US-5346789-\$ or US-5840630-\$ or US-4490211-\$		
		or US-6782179-\$ or US-6692894-\$ or		
		US-6545276-\$).did. or (US-5666189-\$ or		
		US-6137110-\$).did. or (US-20040060904-\$ or		
		US-20040175631-\$ or US-20030035887-\$ or		
		US-20020195422-\$ or US-20030021967-\$ or		
	•	US-20030047691-\$ or US-20020125212-\$ or		
		US-20040023519-\$ or US-20020102861-\$ or		
		US-20010027917-\$ or US-20040142106-\$ or		
		US-20040127025-\$ or US-20040037959-\$ or		
		US-20040033425-\$ or US-20040008330-\$ or		
		US-20030022470-\$ or US-20020122873-\$ or		
		US-20020114567-\$ or US-20020063212-\$ or		
		US-20040188602-\$ or US-20030003393-\$).did. or		
		(GB-2111530-\$ or WO-3053845-\$ or		
		WO-3052514-\$ or WO-3001633-\$).did. or		
		(JP-62224688-\$ or JP-2000081382-\$ or		
		JP-2001284294-\$).did. or (US-20040113097-\$ or		
		US-20040112857-\$ or EP-709704-\$ or		
		US-20040022681-\$ or WO-2003052514-\$ or		
}		EP-795770-\$ or JP-2001269781-\$ or		
		JP-2003007599-\$).did. or (NN9010187).tban.)		
		======================================		

	31	(photosensitive illumination?sensitive	USPAT;	2004/10/01
		photochemical photoresist photoresin) and	US-PGPUB	14:27
		((US-5641391-\$ or US-4968390-\$ or	US-FUFUB	14:27
		US-6353219-\$ or US-6337479-\$ or US-5866911-\$		
		or US-5105305-\$ or US-5865978-\$ or		
		US-6002471-\$ or US-6078055-\$ or US-4925139-\$	-	
		or US-4880496-\$ or US-4550257-\$ or		
		US-6466309-\$ or US-6042993-\$ or US-5894063-\$		
		or US-5770946-\$ or US-5620854-\$ or		
:		US-5508627-\$ or US-5015323-\$ or US-6787783-\$		
		or US-5426302-\$ or US-6322672-\$ or		
		US-6156030-\$ or US-6086774-\$ or US-5460687-\$		
	`	or US-4999083-\$).did. or (US-5851413-\$ or		
		US-5055696-\$ or US-6753538-\$ or US-6709554-\$		
		or US-6024884-\$ or US-5683595-\$ or		
	}	US-6797952-\$ or US-6546788-\$ or US-5298760-\$		
		or US-4947034-\$ or US-5656811-\$ or		
		US-6674074-\$ or US-6642129-\$ or US-6635311-\$		
		or US-6580852-\$ or US-6519221-\$ or		
		US-6498685-\$ or US-5838468-\$ or US-6408122-\$		
		or US-6476381-\$ or US-5675433-\$ or		
		US-5346789-\$ or US-5840630-\$ or US-4490211-\$		
		or US-6782179-\$ or US-6692894-\$ or		
		US-6545276-\$).did. or (US-5666189-\$ or		
		US-6137110-\$).did. or (US-20040060904-\$ or		
		US-20040175631-\$ or US-20030035887-\$ or		
		US-20020195422-\$ or US-20030021967-\$ or		
		US-20030047691-\$ or US-20020125212-\$ or		
		US-20040023519-\$ or US-20020102861-\$ or		
		US-20010027917-\$ or US-20040142106-\$ or		
		US-20040127025-\$ or US-20040037959-\$ or		
		US-20040033425-\$ or US-20040008330-\$ or	-	
		US-20030022470-\$ or US-20020122873-\$ or		
		US-20020114567-\$ or US-20020063212-\$ or		
0.		US-20040188602-\$ or US-20030003393-\$).did. or		
		(GB-2111530-\$ or WO-3053845-\$ or		
	·	WO-3052514-\$ or WO-3001633-\$).did. or		
}		(JP-62224688-\$ or JP-2000081382-\$ or		
		JP-2001284294-\$).did. or (US-20040113097-\$ or		
		US-20040112857-\$ or EP-709704-\$ or		
		US-20040022681-\$ or WO-2003052514-\$ or		ı
		EP-795770-\$ or JP-2001269781-\$ or		
	i	JP-2003007599-\$).did. or (NN9010187).tban.)		
-	2665	(photosensitive illumination?sensitive	USPAT;	2004/10/01
		photochemical photoresist photoresin) same	US-PGPUB	15:34
		(shield protect resistant radiation?resistant coated)		
		same (jet nozzle tube capillary probe spray)		
-	678	(photosensitive illumination?sensitive	USPAT;	2004/10/01
		photochemical photoresist photoresin) with (shield	US-PGPUB	15:51
		protect resistant radiation?resistant coated) with		-
1		(jet nozzle tube capillary probe spray)	-	
-	206	((photosensitive illumination?sensitive	USPAT;	2004/10/01
		photochemical photoresist photoresin) with (shield	US-PGPUB	15:36
		protect resistant radiation?resistant coated) with		
		(jet nozzle tube capillary probe spray)) same		
		(radiate irradiate illuminate light harden beam)	,	
-	236	(photosensitive illumination?sensitive	USPAT;	2004/10/01
.	·	photochemical photoresist photoresin	US-PGPUB	16:06
		photopolymeriziable) with (opaque dark) with		
		(nozzle tube capillary probe spray aperture)		
-	36676	(plasma ioniz\$5) same (local\$5 confine?	USPAT;	2004/10/01
		proximate? "near" close)	US-PGPUB	16:09
<u> </u>		1	<u> </u>	120.02

F	10004	(1 :	1	
-	19394	(plasma ioniz\$5) with (local\$5 confine? proximate?	USPAT;	2004/10/01
	5050	"near" close)	US-PGPUB	16:09
-	5370	T - constant	USPAT;	2004/10/01
-		"near" close)) same (radiat\$5 irradiat\$5	US-PGPUB	16:14
		illuminat\$5 energ\$5)		
-	1970	1 (11)	USPAT;	2004/10/01
		proximate? "near" close)) same (radiat\$5 irradiat\$5	US-PGPUB	16:14
		illuminat\$5 energ\$5)) same (etch\$4 react\$4 mill\$4		,
		activat\$5 alter\$5 chang\$5)		
-	170	((((plasma ioniz\$5) with (local\$5 confine?	USPAT;	2004/10/01
-	•	proximate? "near" close)) same (radiat\$5 irradiat\$5	US-PGPUB	16:15
		illuminat\$5 energ\$5)) same (etch\$4 react\$4 mill\$4		
\ '.		activat\$5 alter\$5 chang\$5)) same electrode?		
-	2285	((plasma ioniz\$5) with (local\$5 confine? proximate?	USPAT;	2004/10/01
		"near" close)) same (radiat\$5 irradiat\$5	US-PGPUB	16:14
		illuminat\$5 light?)		
-	671	(((plasma ioniz\$5) with (local\$5 confine?	USPAT;	2004/10/01
	·	proximate? "near" close)) same (radiat\$5 irradiat\$5	US-PGPUB	16:14
		illuminat\$5 light?)) same (etch\$4 react\$4 mill\$4		
		activat\$5 alter\$5 chang\$5)		
-	54	((((plasma ioniz\$5) with (local\$5 confine?	USPAT;	2004/10/01
		proximate? "near" close)) same (radiat\$5 irradiat\$5	US-PGPUB	16:19
		illuminat\$5 light?)) same (etch\$4 react\$4 mill\$4		
		activat\$5 alter\$5 chang\$5)) same electrode?		
_	6	((((plasma ioniz\$5) with (local\$5 confine?	USPAT;	2004/10/01
		proximate? "near" close)) same (radiat\$5 irradiat\$5	US-PGPUB	16:20
		illuminat\$5 light?)) same (etch\$4 react\$4 mill\$4		10.20
		activat\$5 alter\$5 chang\$5)) same (probe? tip?)		
_	21	(((plasma ioniz\$5) with (local\$5 confine?	USPAT;	2004/10/01
		proximate? "near" close)) same (radiat\$5 irradiat\$5	US-PGPUB	16:20
		illuminat\$5 light?)) same (probe? tip?)		10.20
-	15	((((plasma ioniz\$5) with (local\$5 confine?	USPAT;	2004/10/01
		proximate? "near" close)) same (radiat\$5 irradiat\$5	US-PGPUB	16:21
		illuminat\$5 light?)) same (probe? tip?)) not	0010101	10.21
		(((((plasma ioniz\$5) with (local\$5 confine?		
		proximate? "near" close)) same (radiat\$5 irradiat\$5		
		illuminat\$5 light?)) same (etch\$4 react\$4 mill\$4		
		activat\$5 alter\$5 chang\$5)) same (probe? tip?))		
_	1	("6730237").PN.	USPAT	2004/10/04
	1	(0.0020,).11.	OSIAI	11:00
_	5665	plasma and electrode and (radiat\$4 coherent	EPO; JPO;	2004/10/04
		coherence laser light irradiat\$4)	DERWENT;	11:07
		construct addit light in adiaty+)	IBM_TDB	11.07
_	237	(plasma and electrode and (radiat\$4 coherent	EPO; JPO;	2004/10/04
	201	coherence laser light irradiat\$4)) and wavelength	DERWENT;	11:01
		and wavelength	IBM_TDB	11.01
	5760	plasma same electrode same (radiat\$4 coherent	USPAT;	2004/10/04
	3,00	coherence laser light irradiat\$4)	US-PGPUB	2004/10/04 11:02
_	438	(plasma same electrode same (radiat\$4 coherent		1
		coherence laser light irradiat\$4)) same wavelength	USPAT;	2004/10/04
1_	133	((plasma same electrode same (radiat\$4 coherent	US-PGPUB	11:02
	133	, · · · · · · · · · · · · · · · · · · ·	USPAT;	2004/10/04
		coherence laser light irradiat\$4)) same wavelength)	US-PGPUB	11:03
_	91	same (etch\$4 activat\$4 react\$4 mill\$4)	EDO. IDO	0004/10/04
_	91	((plasma and electrode and (radiat\$4 coherent	EPO; JPO;	2004/10/04
		coherence laser light irradiat\$4)) and wavelength)	DERWENT;	11:03
	20970	and (etch\$4 activat\$4 react\$4 mill\$4)	IBM_TDB	0004/10/04
_	20970	plasma and (generat\$4 creat\$4 form\$4) and	EPO; JPO;	2004/10/04
		(radiat\$4 coherent coherence laser light irradiat\$4)	DERWENT;	13:43
	2761	(nlasma and (ganarath) areath) form the	IBM_TDB	0004/10/04
-	2/01	(plasma and (generat\$4 creat\$4 form\$4) and	EPO; JPO;	2004/10/04
}		(radiat\$4 coherent coherence laser light	DERWENT;	11:08
L		irradiat\$4)) and electrode?	IBM_TDB	

) -	19	((plasma and (generat\$4 creat\$4 form\$4) and	EPO; JPO;	2004/10/04
		(radiat\$4 coherent coherence laser light	DERWENT;	11:08
		irradiat\$4)) and electrode?) and wavelength?	IBM_TDB	+
-	18042	plasma with (generat\$4 creat\$4 form\$4) same	USPAT;	2004/10/04
		(radiat\$4 coherent coherence laser light irradiat\$4)	US-PGPUB	11:11
- .	41	(plasma with (generat\$4 creat\$4 form\$4) same	USPAT;	2004/10/04
		(radiat\$4 coherent coherence laser light	US-PGPUB	12:11
		irradiat\$4)) same electrode? same wavelength?		
-	2	5628881.URPN.	USPAT	2004/10/04
				11:22
_	10239	(radio?frequency radio adj frequency "RF") with	USPAT;	2004/10/04
		(plasma) with (generat\$4 creat\$4 induc\$4 form\$4)	US-PGPUB	13:04
-	4909	((radio?frequency radio adj frequency "RF") with	USPAT;	2004/10/04
		(plasma) with (generat\$4 creat\$4 induc\$4 form\$4))	US-PGPUB	13:05
		same (local\$4 direct\$4 contain\$4 control\$4)		
-	857	(((radio?frequency radio adj frequency "RF") with	USPAT;	2004/10/04
		(plasma) with (generat\$4 creat\$4 induc\$4 form\$4))	US-PGPUB	12:13
		same (local\$4 direct\$4 contain\$4 control\$4)) same		
		electrode?	20	
-	510	((((radio?frequency radio adj frequency "RF") with	USPAT:	2004/10/04
		(plasma) with (generat\$4 creat\$4 induc\$4 form\$4))	US-PGPUB	12:17
		same (local\$4 direct\$4 contain\$4 control\$4)) same		
		electrode?) same (etch\$4 lithograph\$4		
		microlithograph\$4 nanolithograph\$4 mill\$4		
		react\$4)		
_	320	((((((radio?frequency radio adj frequency "RF") with	USPAT;	2004/10/04
	020	(mather requestey ratio and requestey (kir) with (plasma) with (generat\$4 creat\$4 induc\$4 form\$4))	US-PGPUB	12:18
		same (local\$4 direct\$4 contain\$4 control\$4)) same	03-10101	12.10
		electrode?) same (etch\$4 lithograph\$4		
		microlithograph\$4 nanolithograph\$4 mill\$4		
		react\$4)) same (chemical reactant gas non-reactive inert etchant)		
	560	,	HODAT.	0004/10/04
-	300	(laser? coherent direct?) with (plasma) with (generat\$4 creat\$4 induc\$4 form\$4)	USPAT;	2004/10/04
	334		US-PGPUB	13:04
_	334	((laser? coherent direct?) with (plasma) with	USPAT;	2004/10/04
,		(generat\$4 creat\$4 induc\$4 form\$4)) same (local\$4 direct\$4 contain\$4 control\$4)	US-PGPUB	13:09
	19		HODAD	0004/10/04
1	19	(((laser? coherent direct?) with (plasma) with	USPAT;	2004/10/04
		(generat\$4 creat\$4 induc\$4 form\$4)) same (local\$4	US-PGPUB	13:05
	10	direct\$4 contain\$4 control\$4)) same electrode?	LICDAM	0004/10/04
-	19	((((laser? coherent direct?) with (plasma) with	USPAT;	2004/10/04
		(generat\$4 creat\$4 induc\$4 form\$4)) same (local\$4	US-PGPUB	13:05
	<u>.</u>	direct\$4 contain\$4 control\$4)) same electrode?)		
	`	not (((plasma and (generat\$4 creat\$4 form\$4) and		
		(radiat\$4 coherent coherence laser light		
		irradiat\$4)) and electrode?) and wavelength?)	1105.5	000444045
-	0	20030146879.URPN.	USPAT	2004/10/04
				13:09
-	2	((laser? coherent direct?) with (plasma) with	USPAT;	2004/10/04
]		(generat\$4 creat\$4 induc\$4 form\$4)) same (probe?	US-PGPUB	13:12
	_	tip?)		
-	37	(irradiat\$4 radiat\$4 light laser radio?frequency	USPAT;	2004/10/04
		"RF") with (generat\$4 creat\$4 form\$4) with	US-PGPUB	13:17
]	4.5.5	plasma? with electrode?		
-	120	electrode? with discharge? with machin\$4	USPAT;	2004/10/04
			US-PGPUB	13:19
-	4919	(electrode? with discharge? with machin\$4) "EDM"	USPAT;	2004/10/04
			US-PGPUB	13:20
-	50	((electrode? with discharge? with machin\$4)	USPAT;	2004/10/04
		"EDM") with laser?	US-PGPUB	13:20
-	84	(AFM STM STEM SPM NFSOM NSOM	USPAT;	2004/10/04
		microscop\$4) with (tip? probe? point?) same	US-PGPUB	13:27
		(ioniz\$4 excite? plasma?)	·	
Search Histo	$rv = 10/\overline{7/0}$	4 2:00:06 PM Page 13		

	1			
-	992	(AFM STM STEM SPM NFSOM NSOM	USPAT;	2004/10/04
	207	microscop\$4) with (ioniz\$4 excite? plasma?)	US-PGPUB	13:27
_	307	((AFM STM STEM SPM NFSOM NSOM	USPAT;	2004/10/04
-		microscop\$4) with (ioniz\$4 excite? plasma?)) same	US-PGPUB	13:30
	43	(local\$4 contain\$4 direct\$4 proximat\$4)	LIODAM	0004/10/04
_	43	micro?plasma	USPAT;	2004/10/04
	86	(156/345.39).CCLS.	US-PGPUB	14:06
-	00	(130/343.39).CCLS.	USPAT;	2004/10/04
	a.		US-PGPUB;	14:06
			EPO; JPO; DERWENT;	7.
			IBM_TDB	
_	256	(156/345.43).CCLS.	USPAT;	2004/10/04
		(155) 5 (5) (5).	US-PGPUB;	15:18
		+	EPO; JPO;	10.10
			DERWENT;	
			IBM_TDB	
-	324	(((156/345.39).CCLS.) ((156/345.43).CCLS.)) and	USPAT;	2004/10/04
		(local\$3 direct\$4 contain\$4 proximate\$2)	US-PGPUB;	15:19
		•	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	219	(((156/345.39).CCLS.) ((156/345.43).CCLS.)) and	USPAT;	2004/10/04
		(local\$3 direct\$4 contain\$4	US-PGPUB;	15:19
		proximate\$2).ti,ab,clm.	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	5	(((156/345.39).CCLS.) ((156/345.43).CCLS.)) and	USPAT;	2004/10/04
		(local\$3 direct\$4 contain\$4 proximate\$2).ti.	US-PGPUB;	15:22
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	228	(((156/345.39).CCLS.) ((156/345.43).CCLS.)) and	USPAT;	2004/10/04
		((local\$3 direct\$4 contain\$4 proximate\$2) with	US-PGPUB;	15:22
		plasma)	EPO; JPO;	
			DERWENT;	
	-7	((156 /045 20) 00t 0) ((156 /045 40) 00t 0))	IBM_TDB	
-	57	(((156/345.39).CCLS.) ((156/345.43).CCLS.)) and	USPAT;	2004/10/04
		((local\$3 proximate\$2) with plasma)	US-PGPUB;	15:47
			EPO; JPO;	
		· ·	DERWENT; IBM_TDB	
_	485	(156/345.48).CCLS.	USPAT;	2004/10/06
	.55	(227) 5 (3. (5), 5000.	US-PGPUB;	16:49
			EPO; JPO;	10.15
			DERWENT;	
			IBM_TDB	
-	39	((156/345.48).CCLS.) and laser	USPAT;	2004/10/04
			US-PGPUB;	15:47
		•	EPO; JPO;	
			DERWENT;	
		,	IBM_TDB	
-	446	((156/345.48).CCLS.) not (((156/345.48).CCLS.)	USPAT;	2004/10/04
]		and laser)	US-PGPUB;	15:53
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	13	("4585516" "4808258" "5057185" "5513765"	USPAT	2004/10/04
		"5556549" "5562952" "5643364"		15:58
		"5688357" "5824606" "5866985" "5981899"		
1		"6106737" "6471821" "2002/0066537"	ļ	
		"2003/0000646").PN.		

-	0	6726804.URPN.	USPAT	2004/10/04
	17	5270674 LIDDN		15:59
- <i>.</i>	17	5372674.URPN.	USPAT	2004/10/06
-	7	5961772.URPN.	USPAT	10:29
				10:42
-	10	("5070274" "5198724" "5367871" "5369336" "5372674" "5403453" "5414324"	USPAT	2004/10/06
		"5456972" "5587093" "5698164").PN.		10:46
-	11	5369336.URPN.	USPAT /	2004/10/06
	,	("600E910") DN		10:48
-	1	("6025810").PN.	USPAT	2004/10/06